THE ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES CONTENTS OF VOLUME 156

2005 JANUARY NUMBER 1

	Daga
COSMIC MICROWAVE BACKGROUND OBSERVATIONS WITH A COMPACT HETEROGENEOUS 150 GHz INTERFEROMETER IN CHILE J. W. Fowler, W. B. Doriese, T. A. Marriage, H. T. Tran, A. M. Aboobaker, C. Dumont, M. Halpern, Z. D. Kermish, YS. Loh, L. A. Page, S. T. Staggs, & D. H. Wesley	Page 1
A CHANDRA SURVEY OF QUASAR JETS: FIRST RESULTS H. L. Marshall, D. A. Schwartz, J. E. J. Lovell, D. W. Murphy, D. M. Worrall, M. Birkinshaw, J. M. Gelbord, E. S. Perlman, & D. L. Jauncey	13
THE SERENDIPITOUS EXTRAGALACTIC X-RAY SOURCE IDENTIFICATION (SEXSI) PROGRAM. II. OPTICAL IMAGING © Megan E. Eckart, Elise S. Laird, Daniel Stern, Peter H. Mao, David J. Helfand, & Fiona A. Harrison	35
THE FORMATION RATE AND MASS AND LUMINOSITY FUNCTIONS OF DA WHITE DWARFS FROM THE PALOMAR GREEN SURVEY © James Liebert, P. Bergeron, & J. B. Holberg	47
MGGPOD: A MONTE CARLO SUITE FOR MODELING INSTRUMENTAL LINE AND CONTINUUM BACKGROUNDS IN GAMMA-RAY ASTRONOMY ® G. Weidenspointner, M. J. Harris, S. Sturner, B. J. Teegarden, & C. Ferguson	69
ELECTRON-ION RECOMBINATION RATE COEFFICIENTS AND PHOTOIONIZATION CROSS SECTIONS FOR ASTROPHYSICALLY ABUNDANT ELEMENTS. VIII. AT XIII WITH NEW FEATURES Sultana N. Nahar	93
WAVELENGTHS OF $2l \rightarrow 3l'$ Transitions in L-shell ions of Iron and Nickel: a combined configuration interaction and many-body perturbation theory approach $@$ $M. F. Gu$	105
ERRATUM: "THE FAR- AND MID-INFRARED/RADIO CORRELATIONS IN THE SPITZER EXTRAGALACTIC FIRST LOOK SURVEY" (ApJS, 154, 147 [2004]) P. N. Appleton, D. T. Fadda, F. R. Marleau, D. T. Frayer, G. Helou, J. J. Condon, P. I. Choi, L. Yan, M. Lacy, G. Wilson, L. Armus, S. C. Chapman, F. Fang, I. Heinrichson, M. Im, B. T. Jannuzi, L. J. Storrie-Lombardi, D. Shupe, B. T. Soifer, G. Squires, & H. I. Teplitz	111
INSTRUCTIONS TO AUTHORS	i
2005 FEBRUARY NUMBER 2	
THE ACS VIRGO CLUSTER SURVEY, IV. DATA REDUCTION PROCEDURES FOR SURFACE BRIGHTNESS FLUCTUATION MEASUREMENTS WITH THE ADVANCED CAMERA FOR SURVEYS Simona Mei, John P. Blakeslee, John L. Tonry, Andrés Jordán, Eric W. Peng, Patrick Côté, Laura Ferrarese, David Merritt, Miloš Milosavljević, & Michael J. West	113
A MOLECULAR LINE SURVEY OF ORION KL IN THE 350 MICRON BAND © C. Comito, P. Schilke, T. G. Phillips, D. C. Lis, F. Motte, & D. Mehringer	127
WHICH ARE THE YOUNGEST PROTOSTARS? DETERMINING PROPERTIES OF CONFIRMED AND CANDIDATE CLASS 0 SOURCES BY BROADBAND PHOTOMETRY © D. Froebrich	169
OBSERVATIONS OF MASSIVE STAR-FORMING REGIONS WITH WATER MASERS: MID-INFRARED IMAGING J. M. De Buizer, J. T. Radomski, C. M. Telesco, & R. K. Piña	179
THE INTERPLANETARY NETWORK SUPPLEMENT TO THE BATSE CATALOGS OF UNTRIGGERED COSMIC GAMMA-RAY BURSTS © K. Hurley, B. Stern, J. Kommers, T. Cline, E. Mazets, S. Golenetskii, J. Trombka, T. McClanahan, J. Goldsten, M. Feroci, F. Frontera, C. Guidorzi, E. Montanari, W. Lewin, C. Meegan, G. Fishman, C. Kouveliotou, S. Sinha, & S. Seetha	217
RADIAL VELOCITIES OF GALACTIC CEPHEIDS Thomas G. Barnes III. Elizabeth J. Jeffery, Thomas J. Montemayor, & Jan Skillen	227

CONTENTS

	ruge
THE IDENTIFICATION OF NEW BE STARS IN GAUDI © C. Neiner, AM. Hubert, & C. Catala	237
ON THE USE OF THE SELF-CONSISTENT – FIELD METHOD IN THE CONSTRUCTION OF MODELS FOR RAPIDLY ROTATING MAIN-SEQUENCE STARS Stephen Jackson, Keith B. MacGregor, & Andrew Skumanich	245
ON THE GENERATION, PROPAGATION, AND REFLECTION OF ALFVÉN WAVES FROM THE SOLAR PHOTOSPHERE TO THE DISTANT HELIOSPHERE S. R. Cranmer & A. A. van Ballegooijen	265
MAGNETIC FIELDS FROM SOHO MDI CONVERTED TO THE MOUNT WILSON 150 FOOT SOLAR TOWER SCALE Tham Tran, Luca Bertello, Roger K. Ulrich, & Scott Evans	295
SPARSEPAK: A FORMATTED FIBER FIELD UNIT FOR THE WIYN TELESCOPE BENCH SPECTROGRAPH. II. ON-SKY PERFORMANCE Matthew A. Bershady, David R. Andersen, Marc A. W. Verheijen, Kyle B. Westfall, Steven M. Crawford, & Rob A. Swaters	311
PALOMAR/LAS CAMPANAS IMAGING ATLAS OF BLUE COMPACT DWARF GALAXIES. II. SURFACE PHOTOMETRY AND THE PROPERTIES OF THE UNDERLYING STELLAR POPULATION © A. Gil de Paz & B. F. Madore	345
ERRATUM: "PALOMAR/LAS CAMPANAS IMAGING ATLAS OF BLUE COMPACT DWARF GALAXIES. I. IMAGES AND INTEGRATED PHOTOMETRY" (ApJS, 147, 29 [2003]) A. Gil de Paz, B. F. Madore, & O. Pevunova	361
INDEX	i

